

## 102.11 - Lead Base Material (disk form)

These SRMs are issued in the form of disks, 50 mm in diameter and 16 mm thick. They are intended for use with optical emission spectrometric methods of analysis.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	C2416	C2417	C2418
Description	Bullet Lead	Lead-Base Alloy	High-Purity Lead
Unit of Issue	(disk)	(disk)	(disk)
<b>Concentration are expressed as mass fraction, in %.</b>			
Aluminum (Al)	(<0.0001)	(<0.0001)	(<0.0001)
Antimony (Sb)	0.79	0.010	(<0.0001)
Arsenic (As)	0.056	0.011	(<0.0001)
Bismuth (Bi)	0.10	0.010	(<0.0005)
Cadmium (Cd)	(0.0002)	(<0.0002)	0.0003
Calcium (Ca)	<0.001	(<0.001)	(<0.0005)
Cobalt (Co)	(<0.0002)	(<0.0002)	(<0.0005)
Copper (Cu)	0.065	0.010	(<0.0001)
Iron (Fe)	(<0.0005)	(<0.0003)	(<0.0005)
Manganese (Mn)	(<0.0005)	(<0.0003)	(<0.0005)
Nickel (Ni)	(<0.0005)	(<0.0005)	(<0.0005)
Silver (Ag)	0.0044	0.010	0.0001
Sulfur (S)	0.0015	(<0.0005)	
Tellurium (Te)	(<0.0005)	(<0.0005)	(<0.0005)
Tin (Sn)	0.09	(<0.010)	(<0.0005)

<b>Concentration are expressed as mass fraction, in %.</b>			
Zinc (Zn)	(<0.0005)	(<0.0005)	(<0.0005)

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only